

Shea Boulevard: 32nd Street – SR51



Shea Boulevard

Congestion Mitigation and Air Quality (CMAQ)
Project Application
FY2015 Application

September 19, 2012

PEDESTRIAN, BICYCLE and SHARED-USE FACILITY PROJECT APPLICATION

General Instructions:

This Excel form is to be used to request federal Congestion Mitigation and Air Quality (CMAQ) funding available through the Maricopa Association of Governments (MAG) for Bicycle Projects to be included in the FY2014-FY 2018 MAG Transportation Improvement Program. Funding is available for Federal Fiscal Year (FFY) 2015, 2016 and 2017.

This application form includes:

- Part A Contact and Project Description,
- Part B Segment Description and Proposed Improvements,
- Part C Total Project Budget and Schedule,
- Part D Checklist and Signature Page, and Transmittal Instructions and Schedule.

Each part is a separate tab of this excel file. Please complete Parts A - D. Alternative application forms are available upon request.

Deadlines and Transmittal Instructions:

Two copies of a printed, complete and signed application must be received in the MAG offices by 10:00 a.m. Wednesday, September 19, 2012. The application is to be submitted electronically and should include ArcGIS shape files depicting the project location if they are available.

Detailed transmittal instructions are located in a separate tab in this excel sheet. Late applications will not be accepted.

If member agencies need additional information or have questions, they should contact Teri Kennedy or Stephen Tate at (602)

mailto:state@azmag.gov mailto:tkennedy@azmag.gov mailto:MDeCindis@azmag.gov

All information is required, unless noted by the word - Optional.

PART A - CON	ITACT AND PROJECT DESCRIPTION
Contact Information 1. Sponsoring Agency	Phoenix
2. Contact Name	Ray Dovalina, Jr, PE
3. Phone	602-262-6781
4. E-Mail Address	Ray.Dovalina@phoenix.gov
5. Mailing Address	City of Phoenix Street Transportation Department 200 West Washington Street, 5th Floor Phoenix, Arizona 85003

Project Description 6. Please provide the Project Title. 7. Please provide a general description of the project (Please no more then 200 characters) The project scope consists of reducing the roadway cross-section from approximately 94ft to approximately 64ft 8. Please attach a map with streets labeled showing the location(s) of the bicycle/shared-use facility. Please attach map with transmittal

PART B-PEDESTRIAN, BICYCLE & SHARED-USE PROJECT DESCRIPTION AND PROPOSED IMPROVEMENTS
This part of the form identifies the current characteristics and proposed improvements for each project.
The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.
CMAQ Funding Eligibility
All Pedestrian, Bicycle and Shared-Use projects to be funded with federal CMAQ funds must be located in the 8-Hour Ozone Nonattainment Area. Please use the following link to verify that the project is in the nonattainment area. <u>Links to 8-Hr Ozone Nonattaiment Area Map</u>
Section 1 - Project Description 1. What is the type of bicycle project? (Check all that apply)
Bicycle lane (4' min. w/o curb/gutter) X Bicycle lane (5' min. with curb/gutter) Shoulder paving is within 4-miles of a PM-10 monitor Link MAG Webpage for Map of PM-10 Monitor Locations Signalized crossing Bridge (overpass) Tunnel (underpass) Paved shoulders (5' min.).
1a. What is the type of pedestrian project? (Check all that apply)
Sidewalk (5' min.) X Wide sidewalk (8' min.) Detached sidewalk (4' min. buffer) Bridge (overpass) Tunnel (underpass) Signalized crossing Mid-block crossing w/ pedestrian refuge Other
2. Please describe the facility on which the improvement will be located.
For a linear feature please enter the Facility Name, Starting Limit and Ending Limit. For a point feature (e.g. an intersection or crossing) please enter a Facility Name and a Crossing Feature. Shea Blvd from 32nd St to SR-51 is currently a wide corridor that connects to the regional freeway system. The proposed project will reduce the roadway width to accommodate more of a complete street environment that all users of different modes of travel can utilize.
Federal Functional Classification of the Facility Minor Arterial Link to MAG webpage for Federal Functional Classification Map
Type of Facility the Improvement will be locaterd on Arterial Road
0.14 Length (in Miles)
Posted Speed Limit (MPH)
6 Through Lanes
The application submission will include ArcGIS shapefiles.
3. Please provide a map, aerial map, graphics and photos that clearly show the segment alignment and features that connect to other bicycle facilities and that cross into or about the alignment such as: washes, canals, railroad crossings, and other crossing features that may affect the project.
4. Please provide a simple diagram of the current typical cross section, including widths, of the segment that shows the right of way limits, sidewalks and shoulders (if any), and the lanes of travel.

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PART B-PEDESTRIAN, BICYCLE & SHARED-USE PROJ	ECT DESCRIPTION AND DRODOSED IMPROVEMENTS
5. Please provide an estimated traffic volume (ADT) below.	ECT DESCRIPTION AND PROPOSED INIPROVENIENTS
18,687 ADT Estimate	
10/12/09 Date Counted	
Name of road the traffic count was taken from	
Shea Boulevard	
Description of Methodology used for the ADT Estimate	
Average Daily Traffic (ADT) is calculated by first normalizing to account not represent the actual count taken on a particular day but instead ha	for daily and seasonal fluctuations in traffic. ADT may
an average day throughout the year. The daily factors are calculated by	first averaging the by-directional traffic volume totals
for the 12 weeks of weekdays (1 week of weekdays in each month not	containing a holiday). The factor is that average divided
by the sum of each of the 12 instances of a weekday day.	
5. Federal law requires that all federally funded projects comply with a fed	eral environmental clearance. For projects that have a minimum ground
disturbance, environmental surveys are required and an environmental do	cument will need to be prepared, which typically requires 12 months to , hazardous materials or other environmental issues that could affect work
on the segment.	, nazardous materials of other environmental issues that could affect work
Describe any known cultural, historical and biological resources, hazard affect work on the segment.	ous materials or other environmental issues that could
At this time, there are no known cultural and historical resources. Upo	n award of the grant and beginning of the project an
extensive environmental assessment in accordance with the Federal re	
7. Current ROW: (Check all that apply)	
The state of the s	
X Agency owns all ROW Needed ROW to be acquired	Agency owns easement Agency has right-of-use (i.e. canal)
Owners will donate ROW	Condemnation may be required
	- Control of the Cont
3. Please describe any right of way issues associated with the project.	
In the development and implementation of this project, potentially adja	cent property owners will need to consolidate
egress/ingress driveways to promote the project. This might require cr	oss-access agreements between property owners to
ensure that consolidated driveways are consisted throughout the proje	ct length.
O. Current Utilities in or abutting the alignment: (Check all that apply)	
X No Utility in or abutting the alignment X	Pipelines, Sewer and Water
Canals & Drainage	Private Structures
X Power Lines & Cables	Other

PART B-PEDESTRIAN, BICYCLE & SHARED-USE PRO	OJECT DESCRIPTION AND PROPOSED IMPROVEMENTS
10. Please describe any utility conflicts that will need to be addressed.	
Existing along the south side of the corridor are power lines. Deper existing underground utilities (dry and wet) will need to be relocate	nding upon the vertical design profile for the project, d and adjusted.
Section 2 - Proposed Improvements	
11. Please describe the work to be performed on the project:	
The proposed project will re-purpose the 1/8th of mile corridor to r its existing width of approximately 94ft. The horizontal adjustment vertical profile adjustment to accommodate 5-lane section for the k transition from 32nd Street to SR-51.	of such curb reduction of roadway width will require a
12. Guidelines used to develop project: (Check all that apply)	
X AASHTO Guide for Bicycle Facilities X MAG Pedestrian Policies and Design Guidelines X MAG Complete Streets Guide	Other ITE's Designing Walkable Urban Thoroughfares: A Context Sensitive Approach National Association of Transportation Officials (NACTO) 2nd Edition - Urban Bikeway Design Guide
13. Why is this project an enhancement to the local and/or regional tra	nsportation system? Is this a one-time opportunity?
This project is an enhancement to the local and regional transportat Preserve and other public and private centers in the immediate area more complete street for all users traversing through this area or go	a. The proposed project would redefine the corridor into a ping to a destination within this area.
14. Please describe the current surface condition of the proposed projection.	ect
The surface condition is appropriate.	
15a. Safety improvements to be included for bike facilities: (Check all the	nat apply)
X Wide bike lanes (6'-7') Grade-separated crossing (overpass or underpass) Signalized crossing Y Path lighting	Other Improve the street and ped lighting along the corridor.
15b. Safety improvements to be included for pedestrian facilities: (Chec	k all that apply)
X Wide sidewalk (8' min.) Grade-separated crossing (overpass or underpass) Signalized crossing Path lighting Shade	Buffer Zone, Width Other

PART B-PEDESTRIAN, BICYCLE & SHARED-USE PRO	OJECT DESCRIPTION AND PROPOSED IMPROVEMENTS
16a. Number of convenience improvements to be included for bike faci	
0 Number of Drinking Fountains 0 Number of Way-finding Signs 0 Number of Bike racks/lockers 0 Number of Trash receptacles	Other Other
0 Number of Seating/Rest(s)	
16b. Number of convenience improvements to be included for pedestri	ian facilities:
0 Number of Drinking Fountains 0 Number of Way-finding Signs 0 Number of Trash receptacles 0 Number of Seating/Rest(s)	O Number of Trees/shade structures Other
17. How does this project improve upon an existing safety issue?	
There is no existing safety issue along the corridor.	
18. How does the project improve ADA facilities for persons with disabil	lities?
The proposed project would address any and all aspects related to A requirements.	DA facilities and enhancements necessary to address ADA
19. Connectivity: (Check all that apply)	
Project fills a gap in the system X Project connects to other local facilities	
Project is on a regional facility Regional Facility Name	
Multi Jurisdicional Project List of Participating Jurisdictions	
Number of transit routes and Park & rides served. List: route number(s)/park & ride(s) served.	
Routes - 16, 39, 400. 1 - Park & Ride at SR-51 and Shea Bl	lvd.
20. Total length of facility connected by this project (in miles)	
0 Miles of facilities connected	

PART B-PEDESTRIAN, BICYCLE & SHARED-USE PROJECT DESCRIPTION AND PROPOSED IMPROVEMENTS
21. Number of activity centers (parks, libraries, senior centers, recreational centers, etc.) this project will benefit:
1 Within 1/4 mile
List:
1-Park & Ride at SR51 and Shea Blvd
1 1/4 mile to 1/2 mile
List:
Phoenix Mountain Preserve
0 1/2 mile to 1 mile
List:
22. Number of commercial destinations (malls, retail centers, business parks, etc.) and transit services (bus/rail routes, stops, and stations) this project
will benefit:
7 Within 1/4 mile
List:
Circle K, variety of restaurants, and offices
0 1/4 mile to 1/2 mile
List:
0 1/2 mile to 1 mile
List:
23. Number of schools (public elementary, middle, and high schools, colleges, and universities) this project will benefit:
0 Within 1/4 mile
List:
1 1/4 mile to 1/2 mile
List:
Basics Charter School
0 1/2 mile to 1 mile
List:
24. What are the demographics of the area served:
<5 Units Housing Density (Number of dwelling units per acre) within 1/2 mile
The project is in a block group where the average household income is less than \$26,000/year (Use blockgroup
data from the Census 2010)
The project is in an area that serves adults over the age of 60 years (Use blockgroup data from the Census 2010)

PART B-PEDESTRIAN, BICYCLE & SHARED-USE PROJECT DESCRIPTION AND PR	ROPOSED IMPROVEMENTS
25. Jurisdiction has the following policies for improved bicycle/shared use facilties:	
With new development and capital improvement projects, bike lanes on arterial streets a	Required
With new development and capital improvement projects, bike lanes on collector streets	Recommended
With pavement restoration or regular pavement maintenance on arterial streets, bike lan	nes are: Recommended
With new development or during development retrofits, shared-use paths are:	Not Addressed
Bicycle program implemented, including bike education, safety events, and bike maps	Recommended
Complete Streets Policy	Recommended
26. The project is: (Check one)	
Identified in General Plan, council adopted policy, or Capital Improvements Program List:	
Consistent with general policy/practices, but not formally identified Explain	
City is working towards a complete street policy to address existing and future corridors.	
Not addressed by jurisdiction's plans, policies, or practices	
27. Describe how this project will be publicized to the general public.	
The corridor has an active citizen advisory group that meets regularly and its stakeholders are community reside along the corridor. This citizen advisory group would be an instrument to publicize this project to t	
28. How will you determine customer satisfaction/evaluation?	
One measure of determining customer satisfaction would be the implementation of the project. The second be to evaluate a "before and after" measurement of bike and pedestrian use along the corridor.	ond measure would

PART C - TOTAL PROJECT SCHEDULE AND BUDGET INCLUDING ALL SEGMENTS

Please provide a cost and programming estimate for the total project (e.g. the cost to complete all planned segment improvements). The design for the project should be programmed at least 1 year, preferably 2 years, prior to construction. Utilities and right of way should be programmed at least 1 year prior to construction, but may occur in the same year as construction depending on utility and right of way concerns that are identified in the segment description(s) in Part B(s).

ne Project ncluding ALL eaments	Cost	Optional (Addition	onal Notes)			
1.ADOT Fee	\$20,000	None				
2. Design	\$200,000	None				
3. Right of way	\$10,000	None				
4. Utilities	\$100,000	None				
5. Construction	\$387,000	None				
6. Contingency	\$50,000	None				
7. Total Cost	\$757,000	None				
			Link to MAG Webpage for Bike-Ped of	Cost Form		
9. Will the agency	maintain the im	provement after it is co	ompleted? Yes			
	maintain the im	provement after it is co			ote	
9. Will the agency	maintain the im	provement after it is co	ompleted? Yes		lote Federal Cost	Total Cost
9. Will the agency 10. Expected Annu Requested MAG P	maintain the im	provement after it is co	ompleted? Yes			Total Cost
9. Will the agency 10. Expected Annu Requested MAG P 11. Design	maintain the impaired and maintenance rogramming	provement after it is co	O Local Funding Source	Local Cost	Federal Cost	
9. Will the agency 10. Expected Annu	maintain the impaired and maintenance rogramming	provement after it is co	O Local Funding Source HURF	Local Cost 200,000	Federal Cost Not Available	200,000

Pedestrian, Bicycle and Shared-Use Facility Project Application from Phoenix for 'Shea Boulevard from 32nd Street to State Route 51'

PART D - SIGNATURE AND CHECKLIST As the jurisdiction's manager/administrator or designated representative, I certify that this application is accurate and complete and that the project will be included in the sponsoring MAG member agency's local CIP/TIP if the project is selected for federal funding. Signature: Name: Rick Naimark Title: Deputy City Manager Date: September 18, 2012 WILL FILL OUT AFTER QUESTIONS APPROVED Checklist - OPTIONAL This check list is optional, but is included to facilitate applicant review and verification that all required fields in the form have been completed. PART A - Contacts and Project Description Fields Complete? Contact Information, fields 1 - 5 are complete Project Description, fields 6 - 7 are complete Project Description, field 8 - project map is provided in the printed application. Please attach a PDF file in the electronic submittal. PART B - Segment Description and Proposed Improvements Fields Complete? Project Description, Section 1 Fields 1 - 2 are complete Field 3 – segment alignment map is provided in the printed application. Please attach PDF file in the electronic submittal. Field 4 - please check box if included and provided in the printed application. Please attach PDF file in the electronic submittal. Fields 5 - 10 are complete Proposed Improvements, Section 2 Fields 11 - 28 are complete PART C - Total Project Schedule and Budget Including All Segment Fields Complete? Fields 1 - 7 are complete Field 8 - please check box if included and provided in the printed application. Please attach PDF file in the electronic submittal. Field 9 - 10 are complete Fields 11 - 13 Years are complete Fields 11 - 13 Local Funding Sources are complete Fields 11 – 13 Local Costs are complete Field 11 - 13 Federal Costs are complete PART D - Signature Page Fields Complete? Form is signed

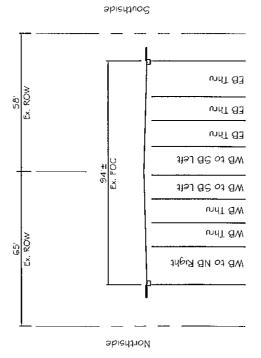
Pedestrian, Bicycle and Shared-Use Facility Project Application from Phoenix for 'Shea Boulevard from 32nd Street to State Route 51'

Name, title and date fields are completed.

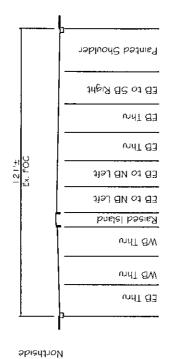
Shea Blvd from 32nd Street to State Route 51



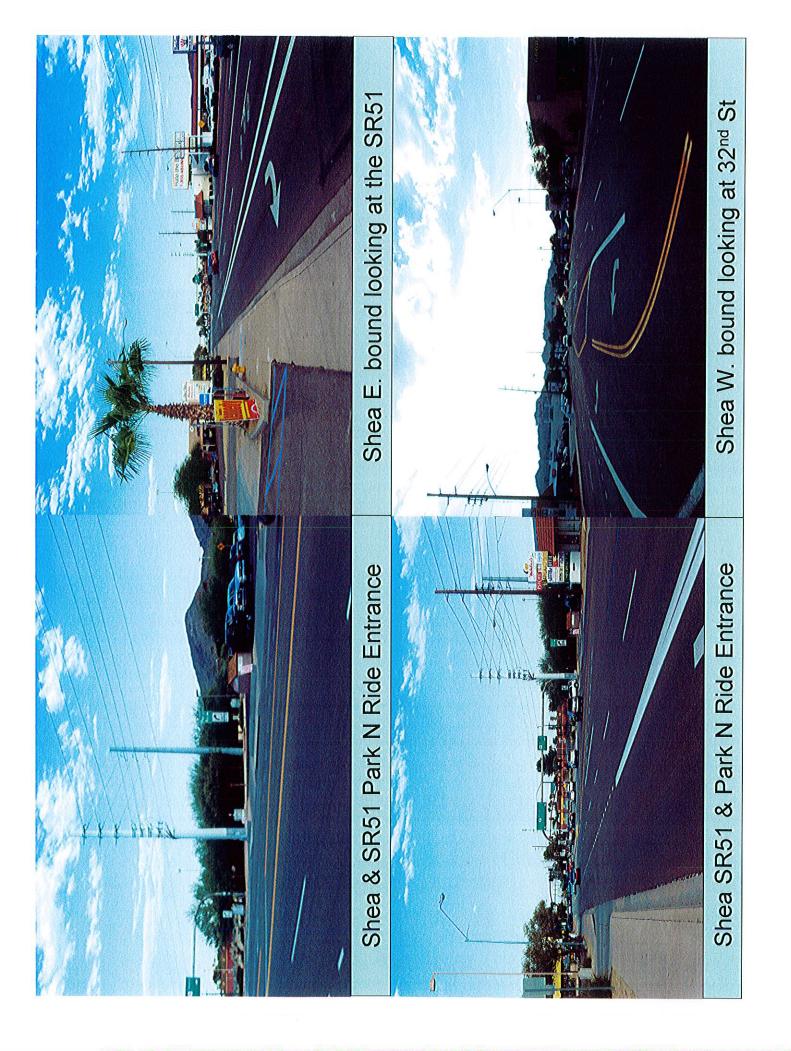




Shea Boulevard at 32nd Street Curb Returns



Shea Boulevard at SR51 Bndge Deck



Pedestrian/Bicycle Cost Estimation Form

CONTRACTOR OF THE PROPERTY OF				The second second second second						
Part		Item Descript	tion	Unit	Quan.	Unit Price	Total	Federally	Federal Funds (94.3%)	Local Funds (5.7%)
	1. SITE TOPOGRAPHIC SURVE	JRVEY		SI	1	\$40.000.00	\$40.000.00		\$0.00	\$40,000,00
A. Scoping (15%	2. PROJECT ASSESSMENT	2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN	LAN	SI	1	\$30,000.00	\$30.000.00	20	\$0.00	\$30,000,00
Preliminary	3. ENVIRONMENTAL DET	ERMINATION (Infrastructure	3. ENVIRONMENTAL DETERMINATION (Infrastructure projects, including technical supporting	15	A COLUMN TO SERVICE	\$30,000,00	\$30,000,00	200	00 05	\$30,000,00
Engineering Design)	4. HAZMAT ASSESSMENT		0	15	2500 F 3000	\$25,000,00	\$25,000,00	2592	00.0\$	\$25,000,00
	Subtotal Scoping (Part A)			AND SERVICE STATES	Sweet Book	AS COMPANY OF THE PARTY OF THE	\$125,000.00		00.0\$	\$125,000,00
	1. Right-of-Way Acquisition	ou		SI	San Particular	\$0.00	\$0.00	FAISE	\$0.00	\$0.00
B. Final Preliminary	2. Plans, Special Provision	2. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.	e & Schedules.	S		\$50,000,00	\$50,000.00		00 05	\$50,000,00
Engineering Design -	3. GEOTECHNICAL INVES	3. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report	rement Design Report	SI	MANUAL PROPERTY.	\$10,000,00	\$10,000,00	200	00.00	\$10,000,00
Stages II, III, IV And	4. DRAINAGE REPORT		D	15	1	\$10,000,00	\$10,000,00	3	\$0.00	\$10,000,000
PS&E	S. SWPPP			SI	CASTAL REPORT	\$5,000,00	\$5,000,00	100	00.05	\$5,000,00
	Subtotal PE (Part B)			1000年の日本	STREET, STREET,	The state of the s	\$75,000.00	83	\$0.00	\$0
		Installation Of SWPP M	Aeasures	ST	Table 1	\$10,000.00	\$10,000.00	TRUE	\$9,430.00	\$570.00
C. Construction Or	1. Hardscape	Site Preparation		ST	1	\$75,000.00	\$75,000.00	TRUE	\$70,725.00	\$4,275.00
Implementation	Construction		Sawcut	CONTRACTOR OF THE PARTY OF THE	1,400	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
ror non- Infrastructure			Remove Structures and Obstructions	ST	1	\$10,000.00	\$10,000.00		\$9,430.00	\$570.00
Projects (No Ground			Remove Fencing	CONSTITUTE CONSTITUTE CONTRACT		\$35.00	\$35.00	TRIE	\$32.01	00.00
Disturbing Activities),		Demolition	Remove Structural Concrete	ò	1	\$0.00	\$0.00		\$0.00	\$2.00
Address Only Part 4			Remove Asphaltic Concrete Pavement		400	\$8.00	\$3,200.00		\$3,017.60	\$182.40
			Remove Concrete Sidewalks, Slabs	SF	200	\$1.75	\$875.00	TRUE	\$825.13	\$49.88
		Hazmat Abatement		ST	18841 BBB	\$10,000.00	\$10,000.00	TRUE	\$9.430.00	\$570.00
		Utility Relocation		ST	Sansa Tasana	\$120,000.00	\$120,000.00	No.	\$113,160.00	\$6.840.00
		Retaining Wall - Reinforced Concrete Cantilevered	ed Concrete Cantilevered	SF	Total Total	\$0.00	\$0.00		\$0.00	\$0.00
			General Excavation	CY	See 1 and	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
			Drainage Excavation	CY	Table 1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
		Earthwork	Structural Excavation	≿	Bear Toron	\$0.00	\$0.00		\$0.00	\$0.00
			Structural Backfill	Շ		\$0.00	\$0.00	1	\$0.00	\$0.00
			Borrow (In Place)	Շ	CONTRACT DESCRIPTION	\$0.00	80.00	The same	\$0.00	\$0.00
		Curb & Gutter		4	1,400	\$30.00	\$42,000.00		\$39,606.00	\$2,394.00
		Aggregate Base	William Committee and Committe	င်	Sant Inch	\$0.00	\$0.00		\$0.00	\$0.00
			Concrete	S.	11,200	\$5.00	\$56,000.00		\$52,808.00	\$3,192.00
		: :	Colored Concrete	SF	1	\$0.00	\$0.00	Name of the	\$0.00	\$0.00
		Pathway Or Sidewalk	Stamped Color Concrete	N.	1	\$0.00	\$0.00		\$0.00	\$0.00
		Materials	Precast Concrete Pavers	SP.	1	\$7.50	\$7.50	8	\$7.07	\$0.43
			Asphaltic Concrete	Ton	1	\$0.00	\$0.00		\$0.00	\$0.00
			Polymer or Resin Stabilized Surface	SF.	1	\$0.00	\$0.00		\$0.00	\$0.00
			Concrete Pavers	SF	March Table	\$0.00	\$0.00	題	\$0.00	\$0.00
			Stamped Asphalt	SF	ESEK 1888	\$0.00	\$0.00		\$0.00	\$0.00
			Stamped Concrete	SF	The Table	\$0.00	\$0.00		\$0.00	\$0.00
			Concrete	SF	Sept Design	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
		Crosswalk Enhancement	Integral Color Concrete	SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
		Pedestrian ADA Ramp		SF	200	\$12.00	\$2,400.00	101	\$2,263.20	\$136.80
		Culvert Extensions		E LE		\$0.00	\$0.00	SE S	\$0.00	\$0.00
		Pedestrian Lighting Includi	g	SI	9	\$140,000.00	\$840,000.00		\$792,120.00	\$47,880.00
		Handrail	Standard	1	1	\$0.00	\$0.00		\$0.00	\$0.00
		0	Decorative	-	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
1		Subtotal Hardscape Constr	ruction	NAME AND POST OFFICE ADDRESS OF THE PARTY OF	DANIES DE LA CONTROL DE LA CON		\$1,169,517.50		\$1,102,855.00	\$66,662.50

0		Trees Above 15 Gallon In Size As Required Per Local Code Or Special Design Requirements	Fach	10	\$350.00	\$3,500.00	TRUE	\$3,300.50	\$199.50
t. tallastapling & lingand			Each	5	\$120.00	\$600.00	TRITE	000000	00 100
ונפוווא	()			,	40.00	200000		\$363.80	534.20
	rees (5 Gallon Size)		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Shrubs (5 Gallon Size)		Each	SHEET THESE	\$15.00	\$15.00	TRUE	\$14.15	\$0.86
	Shrubs (1 Gallon Size)		Each	I	\$7.00	\$7.00	TRUE	\$6.60	\$0.40
	Cactus (5 Gallon Size)		Each	Bree 1 Second	\$0.00	\$0.00		00.08	\$0.00
	Milah	Decomposed Granite	C.Y.	Total	\$85.00	\$85.00		\$80.16	\$4.85
		Organic	ζ		\$0.00	\$0.00		\$0.00	\$0.00
	Topsoil		CY	Terror	\$100.00	\$100.00	200	\$94.30	\$5.70
	Seeding		Acre	THE THE	\$0.00	\$0.00		00.03	00.0\$
	Turf Sod		λS	100	\$0.00	\$0.00		\$0.00	\$0.00
	Boulders		Each	Town	\$0.00	\$0.00		\$0.00	\$0.00
	Irrigation System	Drip	SF	1	\$50,000.00	\$50,000.00	TRUE	\$47.150.00	\$2.850.00
		Turf	SF	Total	\$0.00	\$0.00	疆	\$0.00	\$0.00
	Sleeving For Irrigation	Directional Bore	A PART I	SEPARATE SE	\$0.00	\$0.00		\$0.00	\$0.00
	System	Cut and Patch	JI S	Take I	\$0.00	\$0.00	100	\$0.00	\$0.00
	Landscape Header Curb		The second second	Section 1	\$15.00	\$15.00	觀	\$14.15	\$0.86
	Landscape Establishment		ST	STATE STATE	\$6,000.00	\$6,000.00	TRUE	\$5.658.00	\$342.00
	Subtotal Landscaping & Irri	rrigation Items		NAME OF TAXABLE PARTY.	TOTAL SECTION OF THE PERSON OF	\$60,322.00	The state of the s	\$56.883.65	\$3.438.35
	Benches		Each	SECTION IN	\$2,050.00	\$2,050.00	TRUE	\$1,933.15	\$116.85
	Seatwalls		LF	STATE STATE	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Bike Racks		Each	Table 1	\$1,200.00	\$1,200.00	TRUE	\$1,131.60	\$68.40
3. Site Furnishings	Trash Receptacles		Each	Total Transfer	\$600.00	\$600.00	TRUE	\$565.80	\$34.20
	Drinking Fountains		Each		\$0.00	\$0.00		\$0.00	\$0.00
	Signage (Standard Traffic C	Control)	Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Tree Grates		Each	10	\$2,000.00	\$20,000.00	TRUE	\$18,860.00	\$1.140.00
	Subtotal Site Furnishings		The state of the s		Mary Mary Mary	\$23,850.00	The second second	\$22,490.55	\$1,359.45
		Traffic Signage		1	\$5,000.00	\$5,000.00	TRUE	\$4,715.00	\$285.00
		Traffic Striping	ALC: NAME OF PERSONS ASSESSMENT		\$15,000.00	\$15,000.00	TRUE	\$14,145.00	\$855.00
		Asphalt Concrete Base	Ton	1	\$85.00	\$85.00	TRUE	\$80.16	\$4.85
4. Other Construction Items.	ns. Asphalt C		Ton	SENTIMENT I	\$85.00	\$85.00	TRUE	\$80.16	\$4.85
Also, Itemized Line Items For		Tack Coat	Ton	The Part of the least	\$1,400.00	\$1,400.00	TRUE	\$1,320.20	\$79.80
Non-Infrastructure Projects.	S. Permanen	int Pavement Replacement	SY	STREET, STREET, IS	\$45.00	\$45.00	TRUE	\$42.44	\$2.57
(Insert Additional Rows If			THE RESIDENCE OF THE PARTY OF T	Market Consulta	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
Necessary)			可以	SHALLSHAN	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
			NEW PROPERTY OF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	The second secon		The second second	SAN COLUMN	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Sutotal Other Construction				ANGESTS STREET	\$21,615.00	ののないのないのであるとのない	\$20,382.95	\$1,232.06
	Contractor Mobilization		รา	HIN STEEL	\$20,000.00	\$20,000.00	FALSE	\$0.00	\$20,000.00
	Traffic Control		SI	Total	\$20,000.00	\$20,000.00	TRUE	\$18.860.00	\$1,140,00
5. Mobilization And	Construction Survey & Layout	/out	SI	THE TAXABLE	\$35,000.00	\$35,000.00	TRUE	\$33,005.00	\$1 995 00
Administration Costs	Construction Contingencies	es	S	To be a second	\$50,000.00	\$50,000.00	TRUE	\$47,150.00	\$2.850.00
	Construction Administration	on	SI	R BEING THE ST	\$60,000.00	\$60,000,00	TRUE	\$56 580 00	\$3 420 00
	Subtotal Mobilization & Administration Costs	dministration Costs	COST BENEFICIARE	Section of	STREET, STREET	\$185,000.00	NAME OF TAXABLE PARTY OF TAXABLE PARTY.	\$155,595.00	\$29,405.00
Subtotal Construction O	Subtotal Construction Or Implementation Cost (Part C)		THE PROPERTY IN	AND RESIDENCE OF	THE PARTY OF THE PARTY.	\$1,460,304.50	THE STREET STREET	\$1,358,207.14	\$102.097.36
D. Total Scoping, PE and Construction (Part A, B, and C)	nd C)		A STATE BOSTONIES STATE	E 155550000	TO STATE OF THE PARTY OF THE PA	\$1,660,304.50		\$1,358,207.14	\$227,097.36
E. Adot Fee For Pe Reviews And Staff Charges (The higher of \$20,000 or 2% of Total Cost (Part D))	e higher of \$20,000 or 2% of To	tal Cost (Part D))	STREET, STREET	STATES SEEMED		\$33,206.09	FALSE	\$0.00	\$33,206.09
 F. Total Project Cost Including ADOT Fees (Part D + Part E) 	+ Part E)			SECTION SECTION		\$1,693,510.59	ST DOWNSTRATED IN	\$1,358,207.14	\$260.303.45